



200 West Mercer St. ♦ Suite 401 ♦ Seattle, WA 98119
Phone: 206.378.1364 ♦ Fax: 206.217.0089 ♦ www.windwardenv.com

April 9, 2013

INV# 0213 A

de maximis, inc.
Willard Potter
186 Center Street Suite 290
Clinton, New Jersey 08809

Dear Willard,
Please find our invoice for Professional Time Rendered from February 1, 2013 to February 28, 2013 for Tasks 32.2 and 41 of the Passaic RI/FS project.

Task	Amount
Task 32.2 Bioaccumulation Model	46,824.35
Task 41 Targeted Remedy Support	3,917.74
	<u>\$ 50,742.09</u>

Enclosed is a summary of expenditures, by task, for the period.

Sincerely,

Chris Nelson
Accounting Manager
206-812-5425 (direct line)
chrism@windwardenv.com

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200 West Mercer Street
Suite 401
Seattle, WA 98119
tel: (206) 378-1364/ fax: (206) 973-3048

Task 32.2 Bioaccumulation Model

Invoice Date: 2/ 28/ 2013

Invoice Number: 10960

Bill To

de maximis, inc.
Willard Potter
186 Center Street Suite 290
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from February 1, 2013 to February 28, 2013			
Nate Lewis	116.25	115.50	13,426.88
Kim Goffman	74.5	115.50	8,604.75
Lisa Saban	5.5	168.00	924.00
Nancy Judd	52.25	157.50	8,229.38
Berit Bergquist	35.75	157.50	5,630.63
John Toll	13.5	168.00	2,268.00
Suzanne Replinger	26	115.50	3,003.00
Shannon Katka	7.75	157.50	1,220.63
Linda Marsh	5	94.50	472.50
Subtotal			43,779.77
Markup 3%		3.00%	1,313.39
Total Labor			45,093.16
 COSTS			
Travel (BOA2/ 15/ 13)		24.75	24.75
Travel (BOA2/ 15/ 13)		66.20	66.20
Travel (BOA2/ 15/ 13)		70.44	70.44
Travel (BOA2/ 15/ 13)		1,569.80	1,569.80
Total Costs			1,731.19

Total

\$46,824.35



200 West Mercer Street
Suite 401
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tel: (206) 378-1364/ fax: (206) 973-3048

Task 41 Targeted Remedy Support

Invoice Date: 2/ 28/ 2013

Invoice Number: 10962

Bill To

de maximis, inc.
Willard Potter
186 Center Street Suite 290
Clinton, New Jersey 08809

Description	Units	Rate	Amount
LABOR from February 1, 2013 to February 28, 2013			
Lisa Saban	4	168.00	672.00
Kim Goffman	5	115.50	577.50
Jessica Huybregts	15.5	115.50	1,790.25
Linda Marsh	4	94.50	378.00
Shannon Katka	1	157.50	157.50
Shana Hinds	2	94.50	189.00
Jennifer Parker	0.25	157.50	39.38
Subtotal			3,803.63
Markup 3%		3.00%	114.11
Total Labor			3,917.74

Total

\$3,917.74

Passaic Labor Report

Task 32.2 Bioaccumulation Model

Berit Bergquist

Date	Hours	Rate	Extended	Notes
2/6/2013	2.25	157.50	\$354.38	compare FWM diets to BERA diets; review revised benthic biomass distribution data
2/7/2013	4.75	157.50	\$748.13	continue comparing FWM diets to BERA diets and reviewing revised benthic biomass distribution data
2/8/2013	4.00	157.50	\$630.00	continue comparing FWM diets to BERA diets, reviewing revised benthic biomass distribution data; begin developing diet for channel catfish
2/12/2013	6.50	157.50	\$1,023.75	meet with Kim about data table; prepare dietary portions for channel catfish and smallmouth bass
2/13/2013	8.00	157.50	\$1,260.00	continue work on food web model diets
2/14/2013	3.50	157.50	\$551.25	continue work on food web model diets and answer questions from Nancy
2/15/2013	6.75	157.50	\$1,063.13	evaluate fish survey data and fish ecology to create food web
Summary for Berit Bergquist				
	35.75		\$5,630.63	

John Toll

Date	Hours	Rate	Extended	Notes
2/7/2013	1.00	168.00	\$168.00	Meeting w/ WW and AQ modelers to discuss model integration issues
2/11/2013	0.25	168.00	\$42.00	Brief meeting with staff working on model updates
2/20/2013	2.75	168.00	\$462.00	Worked with staff on model expansion, segmentation and calibration, coordinated prep for TC mid-month update w/ AQ
2/21/2013	3.50	168.00	\$588.00	Bioaccumulation model troubleshooting, slide preparation for 2/22 TC meeting
2/22/2013	2.50	168.00	\$420.00	TC and modeling team meetings, "fluff layer" issue
2/25/2013	0.50	168.00	\$84.00	Worked on tools for refining model SWAC and water exposure concentration inputs
2/26/2013	1.50	168.00	\$252.00	Worked on sediment exposure estimation issues
2/28/2013	1.50	168.00	\$252.00	Met with staff to review modeling progress and discuss next steps
Summary for John Toll				
	13.50		\$2,268.00	

Kim Goffman

Date	Hours	Rate	Extended	Notes
2/4/2013	3.00	115.50	\$346.50	Begin compilation of RA dataset based on latest ddms source (surface water events).
2/5/2013	3.00	115.50	\$346.50	Continue compilation of updated RA dataset based on latest ddms source (finish surface water updates).
2/6/2013	1.00	115.50	\$115.50	Continue compilation of updated RA dataset based on latest ddms source (begin sediment data updates).
2/7/2013	6.00	115.50	\$693.00	Continue compilation of updated RA dataset based on latest ddms source continue sediment data updates).
2/8/2013	3.00	115.50	\$346.50	Continue compilation of updated RA dataset based on latest ddms source continue sediment data updates).
2/11/2013	6.00	115.50	\$693.00	Continue compilation of updated RA dataset based on latest ddms source (continue sediment data updates).
2/12/2013	3.50	115.50	\$404.25	Continue compilation of updated RA dataset based on latest ddms source (finalize SSP dataset).
2/13/2013	5.00	115.50	\$577.50	Prepare exposure area-specific sample groups for FWM. Summarize weights and chemical parameters by exposure area.
2/14/2013	3.00	115.50	\$346.50	Continue summarizing weights and chemical parameters by exposure area for FWM.
2/15/2013	2.00	115.50	\$231.00	Finish summarizing weights and chemical parameters by exposure area for FWM.
2/18/2013	7.50	115.50	\$866.25	Begin QC review of bioaccumulation model code.
2/19/2013	7.00	115.50	\$808.50	Continue QC review of bioaccumulation model code.
2/20/2013	4.00	115.50	\$462.00	Continue compilation of updated RA dataset based on latest ddms source (finalize RM 10.9 Add A dataset).
2/21/2013	4.00	115.50	\$462.00	Continue QC review of bioaccumulation model code. Continue compilation of updated RA dataset based on latest ddms source (finalize RM 10.9 Add A dataset).
2/25/2013	5.50	115.50	\$635.25	Continue compilation of updated RA dataset based on latest ddms source (update and QC spatial data and sample references).
2/26/2013	4.00	115.50	\$462.00	Continue compilation of updated RA dataset based on latest ddms source (update spatial data and sample references).
2/27/2013	7.00	115.50	\$808.50	Continue compilation of updated RA dataset based on latest ddms source (update spatial data and sample references).
Summary for Kim Goffman				
	74.50		\$8,604.75	

Linda Marsh

Date	Hours	Rate	Extended	Notes
2/22/2013	1.00	94.50	\$94.50	Made a map of small forage fish and -2 ft shallows to assess modeling of exposure areas.
2/25/2013	4.00	94.50	\$378.00	Calculated mudflat acreage by modeled river extents.
Summary for Linda Marsh				
	5.00		\$472.50	

Lisa Saban

Date	Hours	Rate	Extended	Notes
2/4/2013	0.50	168.00	\$84.00	review current modeling tasks
2/7/2013	0.50	168.00	\$84.00	continued discussions with nancy on fwm fish eating strategies
2/19/2013	1.50	168.00	\$252.00	discuss food chain with nancy and give advice on potential food web.
2/20/2013	1.50	168.00	\$252.00	continue to review food chain issues with nancy.
2/25/2013	1.00	168.00	\$168.00	answering questions from nancy and fwm team
2/27/2013	0.50	168.00	\$84.00	answering questions from team
Summary for Lisa Saban	5.50		\$924.00	

Nancy Judd

Date	Hours	Rate	Extended	Notes
2/4/2013	4.50	157.50	\$708.75	Call with AQ folks, model co-ordination issues
2/6/2013	7.00	157.50	\$1,102.50	Task planning for FWM- diet development, prep for call with AQ, model refinement issues
2/7/2013	4.25	157.50	\$669.38	Co-ordination call with AQ, response to AQ email on FWM model inputs, species specific data parameter task to Jessica
2/8/2013	0.75	157.50	\$118.13	Possible menhaden addition to FWM, diet development
2/11/2013	3.00	157.50	\$472.50	Response to AQ model questions, project status summary for Lisa, menhaden inclusion recommendation
2/13/2013	2.25	157.50	\$354.38	Species list finalization, treatment of small forage fish
2/14/2013	6.00	157.50	\$945.00	Review diets with Berit, begin calibration approach
2/18/2013	6.50	157.50	\$1,023.75	Calibration approach, evaluate AQ F and T predictions
2/20/2013	6.00	157.50	\$945.00	FWM calibration, modeling logistics, summary of activities for 2/22 TC mtg
2/21/2013	4.00	157.50	\$630.00	Tasks for model documentation, preliminary results from AQ TCDD model in FWM
2/25/2013	4.50	157.50	\$708.75	Compare FWM structure to CSM for BERA, model parameterization
2/27/2013	0.50	157.50	\$78.75	Size issues for river segments
2/28/2013	3.00	157.50	\$472.50	Updates for TC mtg, parameterization issues
Summary for Nancy Judd	52.25		\$8,229.38	

Nate Lewis

Date	Hours	Rate	Extended	Notes
2/1/2013	4.00	115.50	\$462.00	Updating and revising dynamic food web model
2/4/2013	8.00	115.50	\$924.00	Developing dynamic food web model

2/5/2013	7.00	115.50	\$808.50	Developing dynamic food web model
2/6/2013	8.00	115.50	\$924.00	Developing dynamic food web model
2/7/2013	6.00	115.50	\$693.00	Call with Anchor QEA to discuss fate and transport model output and incorporation of output into dynamic food web model
2/8/2013	6.50	115.50	\$750.75	Developing dynamic food web model
2/11/2013	7.25	115.50	\$837.38	Updating steady state and dynamic food web models
2/12/2013	3.25	115.50	\$375.38	Updating steady state and dynamic food web models
2/13/2013	7.75	115.50	\$895.13	Updating steady state and dynamic food web models
2/14/2013	7.50	115.50	\$866.25	Updating steady state and dynamic food web models
2/19/2013	8.00	115.50	\$924.00	Creating dynamic food web model
2/20/2013	6.25	115.50	\$721.88	Creating dynamic food web model
2/21/2013	1.00	115.50	\$115.50	Creating dynamic food web model
2/22/2013	7.50	115.50	\$866.25	Creating dynamic food web model
2/25/2013	7.50	115.50	\$866.25	Creating dynamic food web model
2/26/2013	7.75	115.50	\$895.13	Creating dynamic food web model
2/27/2013	6.00	115.50	\$693.00	Creating dynamic food web model
2/28/2013	7.00	115.50	\$808.50	Creating dynamic food web model
Summary for Nate Lewis				
	116.25		\$13,426.88	

Shannon Katka

Date	Hours	Rate	Extended	Notes
2/21/2013	2.50	157.50	\$393.75	work on parameterizing Atlantic menhaden- literature search and review of dietary components, and life history information
2/22/2013	3.50	157.50	\$551.25	work on parameterizing Atlantic menhaden- literature search and review of dietary components, and life history information
2/25/2013	1.75	157.50	\$275.63	write-up recommended exposure parameters for Atlantic menhaden for FWM
Summary for Shannon Katka				
	7.75		\$1,220.63	

Suzanne Replinger

Date	Hours	Rate	Extended	Notes
2/15/2013	1.50	115.50	\$173.25	pie charts showing fish/invertebrate abundance
2/18/2013	3.25	115.50	\$375.38	test model run with uncalibrated F&T model output from AnchorQEA
2/21/2013	1.75	115.50	\$202.13	comparison of calibrated FWM parameters vs. F&T initial values for TCDD
2/22/2013	4.50	115.50	\$519.75	data organization for re-calibration of FWM, consideration of river segments
2/25/2013	3.50	115.50	\$404.25	data organization for FWM recalibration, river segments, parameters for new species

2/26/2013	3.00	115.50	\$346.50	data organization for FWM recalibration, river segments, review of model performance using spatially-weighted initial values from Anchor
2/27/2013	3.50	115.50	\$404.25	data organization for FWM recalibration, river segments,
2/28/2013	5.00	115.50	\$577.50	data organization for FWM recalibration, river segments, Newark Bay FWM notes
Summary for Suzanne Replinger				
	26.00		\$3,003.00	
Summary for Task 32.2 Bioaccumulation Model				
	336.50		\$43,779.75	

Task 41 Targeted Remedy Support

Jennifer Parker

Date	Hours	Rate	Extended	Notes
2/1/2013	0.25	157.50	\$39.38	Contacted SGS-AP to determine how solids affect porewater analysis for PCB congeners and dioxins/furans for RM 10.9.
Summary for Jennifer Parker				
	0.25		\$39.38	

Jessica Huybregts

Date	Hours	Rate	Extended	Notes
2/25/2013	4.00	115.50	\$462.00	Targeted remedy support task.
2/26/2013	4.00	115.50	\$462.00	Targeted remedy support task.
2/27/2013	4.00	115.50	\$462.00	Targeted remedy memo.
2/28/2013	1.00	115.50	\$115.50	Powerpoint presentation for March 7 meeting.
2/28/2013	2.50	115.50	\$288.75	Targeted remedy memo.
Summary for Jessica Huybregts				
	15.50		\$1,790.25	

Kim Goffman

Date	Hours	Rate	Extended	Notes
2/25/2013	2.00	115.50	\$231.00	Create ProUCL datasets by exposure area, including/excluding targeted remedy areas.
2/26/2013	3.00	115.50	\$346.50	Create ProUCL datasets by exposure area, including/excluding targeted remedy areas.
Summary for Kim Goffman				
	5.00		\$577.50	

Linda Marsh

Date	Hours	Rate	Extended	Notes
2/25/2013	3.50	94.50	\$330.75	Identified sample locations in targeted remedy areas.
2/27/2013	0.50	94.50	\$47.25	Edited map text.
Summary for Linda Marsh	4.00		\$378.00	

Lisa Saban

Date	Hours	Rate	Extended	Notes
2/22/2013	2.00	168.00	\$336.00	support targeted remedy: revise draft carp memo for mike Barbara and send to him
2/26/2013	1.50	168.00	\$252.00	giving direction and reviewing targeting remedy risk calculations
2/27/2013	0.50	168.00	\$84.00	additional discussion on risk reduction calculations
Summary for Lisa Saban	4.00		\$672.00	

Shana Hinds

Date	Hours	Rate	Extended	Notes
2/28/2013	2.00	94.50	\$189.00	Tech memo edit
Summary for Shana Hinds	2.00		\$189.00	

Shannon Katka

Date	Hours	Rate	Extended	Notes
2/26/2013	1.00	157.50	\$157.50	review of risk calculations with target areas removed
Summary for Shannon Katka	1.00		\$157.50	

Summary for Task 41 Targeted Remedy Support
31.75 \$3,803.63

Summary for Passaic RI
368.25 \$47,583.38

Heidi Enders

From: Alaska Airlines [alaska.it@alaskaair.com]
Sent: Thursday, February 07, 2013 6:00 AM
To: Heidi Enders
Subject: Receipt sent from alaskaair.com

This receipt has been sent to you from alaskaair.com with the following message:

Hi Heidi. This trip gets billed to CPG Support. John LPR 26

Thank you for choosing Alaska Airlines!

This is an auto-generated e-mail. If you have questions, please contact Alaska Airlines Reservations at 1-800-252-7522 (TTY/TDD 1-800-682-2221).



Traveler Information

Traveler	Seats **	Services Requested	Traveler Documentation
Name: John Toll			
MP#: Alaska 43350823 - Gold	2D, 3C		Enter Known Traveler/Redress number
E-Ticket: 0272121118955 ✓			

** Seat assignments are subject to change.

Flights

Flight Confirmation Code: **OKFIHS**

Flight

Alaska Airlines 8
First | Nonstop | [Details](#)

	Departs	Arrives
Alaska Airlines 8	Depart Seattle, WA (SEA) 9:00 am, Mar 05	Newark-Newark Intl. (EWR) 5:08 pm Tue, Mar 5
	Arrive Newark-Newark Intl. (EWR) 5:08 pm, Mar 05	

Duration: 5h 8m | Distance: 2394 | % on-time: 77% | % late 30+ min: 19% | % cancelled: n/a

Aircraft: Boeing 737-900 | Meal: Breakfast **

Performance data is based on previous month

** Special meal requests are not available.

Total: 2,394 mi | 5 h 8 m

~~Alaska~~ Alaska Airlines 7

First | Nonstop | [Details](#)

~~Alaska~~ Alaska Airlines 7 Depart Newark-Newark 6:15 pm,
Intl. (EWR) Mar 07

Arrive Seattle, WA 9:25 pm,
(SEA) Mar 07

Newark-Newark Seattle, WA (SEA)
Intl. (EWR) 9:25 pm Thu, Mar
6:15 pm Thu, Mar 7

Duration: 6h 10m | Distance: 2394 | % on-time: 70% | %

late 30+ min: 22% | % cancelled: n/a

Aircraft: Boeing 737-800 | Meal: Dinner **

Performance data is based on previous month

** Special meal requests are not available.

Total: 2,394 mi | 6 h 10 m

Total Price for 1 Traveler

\$1,569.80 including taxes & fees

	Fare	Taxes & Fees	Charges
Airfare			
for	\$1,548.00	\$21.80	\$1,569.80
John			
Toll :			

Amount Charged: \$1,569.80

Low Price Guarantee

PRICE SUMMARY

Flight

The VISA ending with *****1574 has been charged a total of USD \$1,569.80. For additional assistance with your reservation call Alaska Airlines Reservations at 1-888-345-3640.

	Fare	Taxes & Fees	Charges
Airfare for John Toll :	\$1,548.00	\$21.80	\$1,569.80

Amount Charged: \$1,569.80

RULES & RESTRICTIONS

Flight

- This fare is fully refundable.
- Your itinerary may be changed without a service fee.
- Changes to your current itinerary may result in a higher fare and an additional collection of funds.

Passaic 32.2

John

4807 [REDACTED]

1/13 1/15

WINDUP, BUCK, VITAL

PS -S: A [REDACTED] WA
54666 00558
605 00201 8995

DATE	CLERK
AUTHORIZATION	SERVER
REFERENCE NO.	

5528276

QTY.	DESCRIPTION	AMOUNT
		56.20
SALES SLIP	TAX	1
	TIP	10.00
	MISC.	
	TOTAL	66.20

RETAIN FOR
YOUR RECORDS

CUSTOMER
COPY

PURCHASER SIGN HERE

X
Cardholder acknowledges receipt of goods and/or services in the amount of the Total shown hereon and agrees to perform the obligations set forth in the Cardholder's agreement with the issuer.

NJ TRANSIT
The Way To Go.

RECEIPT

01/29/13

17:13

NJ TRANSIT Rail

3 ADULT One Way
EWR **NWK**
SERIAL NR : 01160
FARE : \$8.25

TOTAL : \$24.75

PAYMENT : Credit-VI
AMOUNT : \$24.75
MERCHANT : 04003660008
TRANS. ID : 028-0070890529
ACCT NO : XXXXXXXXXXXX1574
NAME : TOLL/JOHN
AUTH NO : 091984

366 **EWR**

32.2

John Toll

From: Square [noreply@messaging.squareup.com]
Sent: Thursday, January 31, 2013 11:56 PM
To: John Toll
Subject: Receipt from Yellow Cab for \$70.44

Yellow Cab

647 S 186th St, Burien, WA 98148

206-355-7082

Jan 31, 2013 at 11:55pm

Receipt
#5kYo

Custom Amount **\$58.70**

Tip **\$11.74**

Total \$70.44 ✓

 VISA

1574

\$70.44

